

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019573.D
 Acq On : 23 Jul 2021 15:10
 Operator : SY/VA
 Sample : M3148-04
 Misc : 8.78g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-2-CLEAN-SOIL

Quant Time: Jul 24 05:19:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

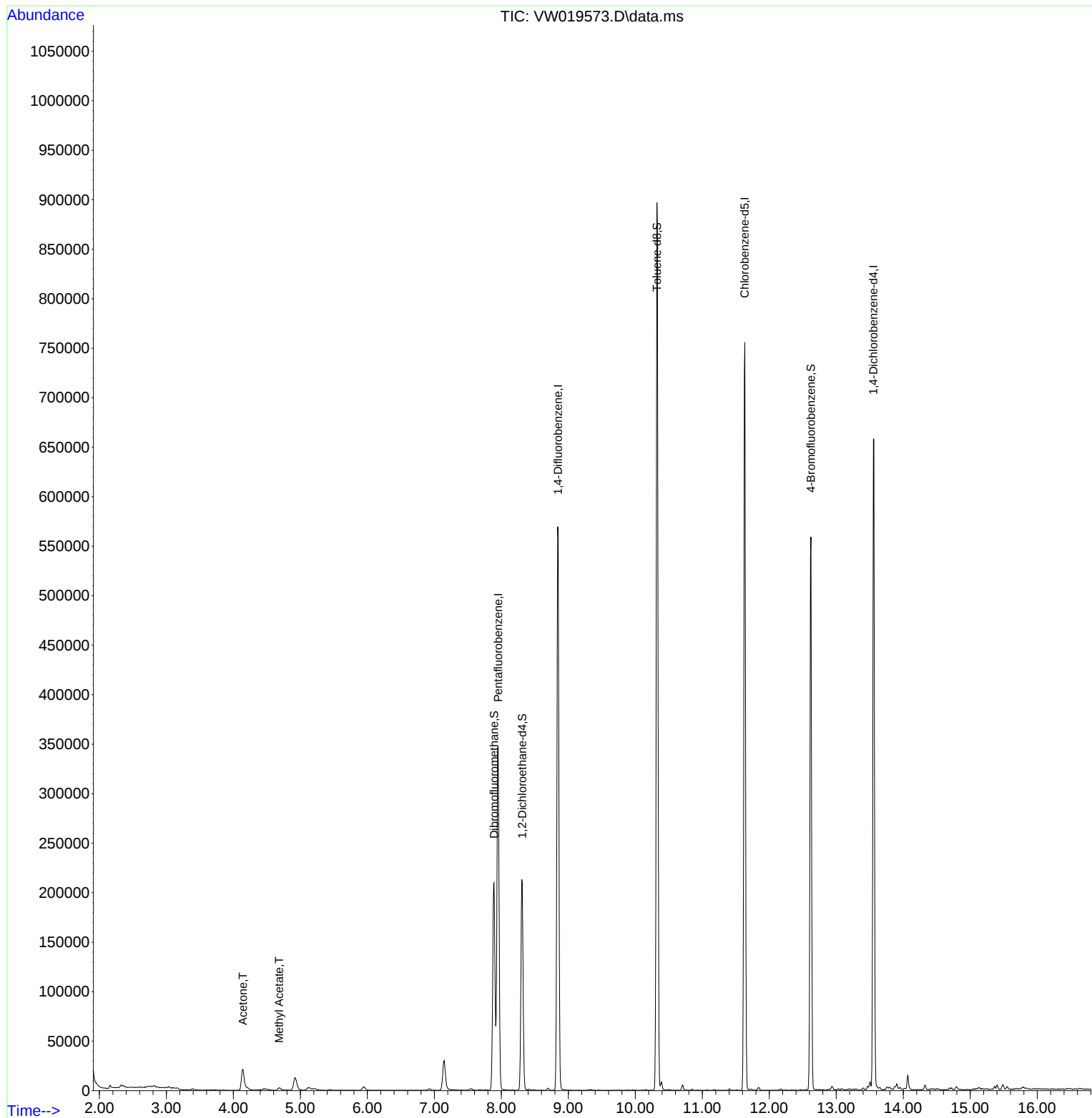
Internal Standards						
1) Pentafluorobenzene	7.952	168	258388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	481260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	420642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	172267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	174519	71.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.580%
35) Dibromofluoromethane	7.891	113	154372	52.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.000%
50) Toluene-d8	10.323	98	602198	52.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.621	95	197626	46.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.560%
Target Compounds						
						Qvalue
16) Acetone	4.141	43	41670	88.673	ug/l	96
18) Methyl Acetate	4.684	43	5529	3.543	ug/l	99

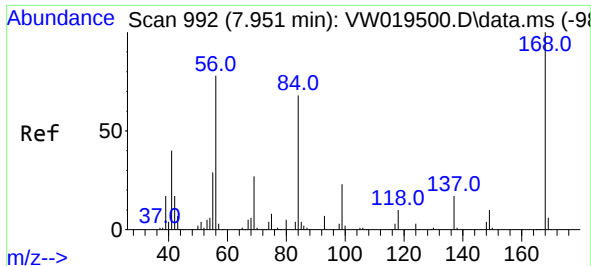
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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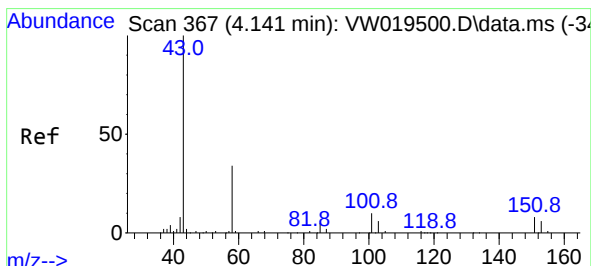
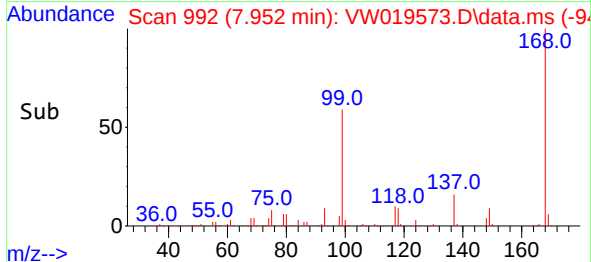
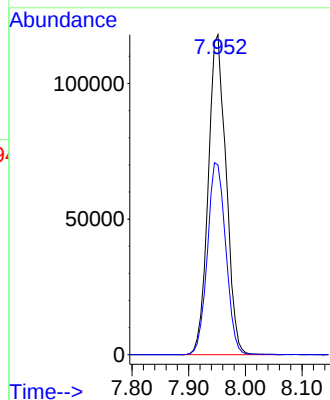
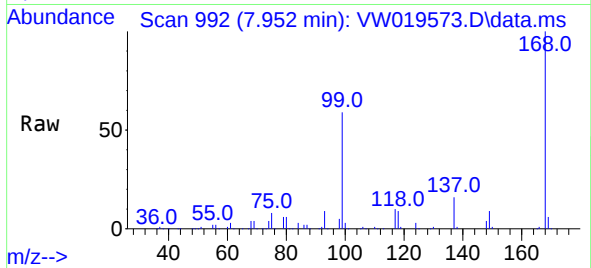




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

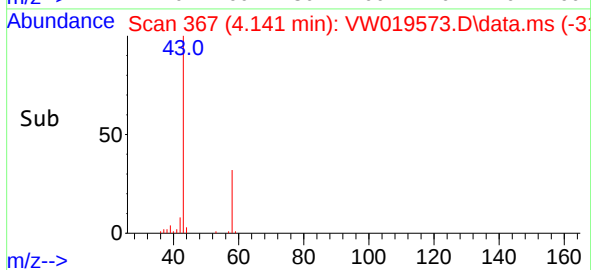
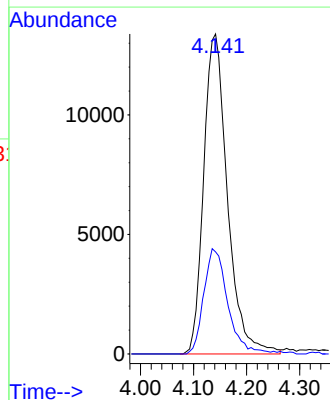
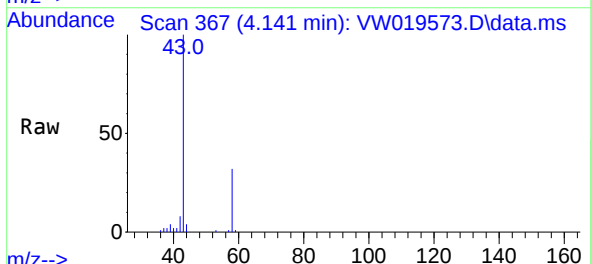
Instrument :
MSVOA_W
ClientSampleId :
SI-2-CLEAN-SOIL

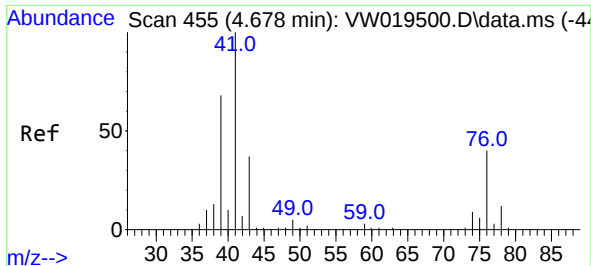
Tgt Ion:168 Resp: 258388
Ion Ratio Lower Upper
168 100
99 59.3 51.9 77.9



#16
Acetone
Concen: 88.673 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

Tgt Ion: 43 Resp: 41670
Ion Ratio Lower Upper
43 100
58 31.9 27.2 40.8

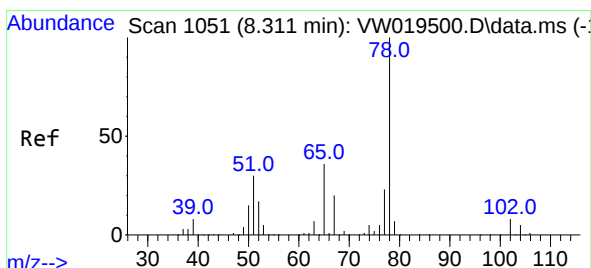
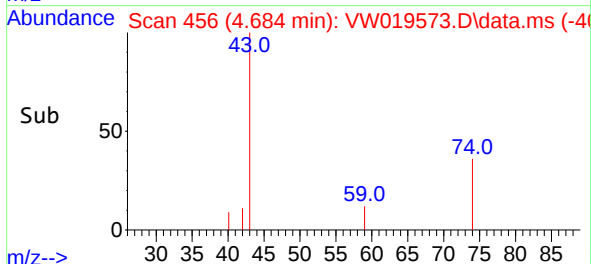
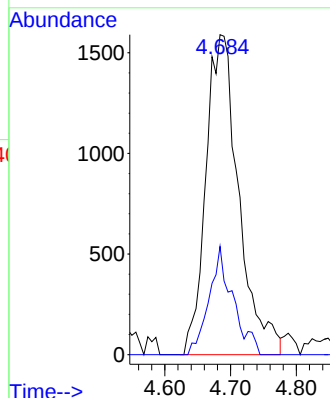
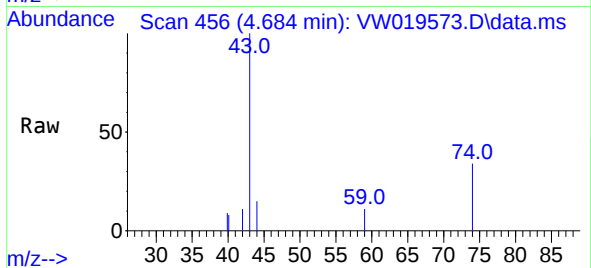




#18
Methyl Acetate
Concen: 3.543 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

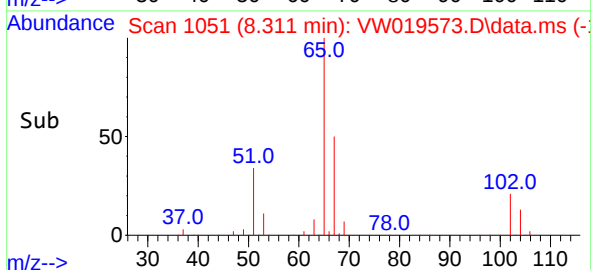
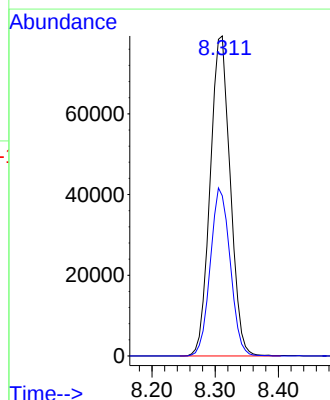
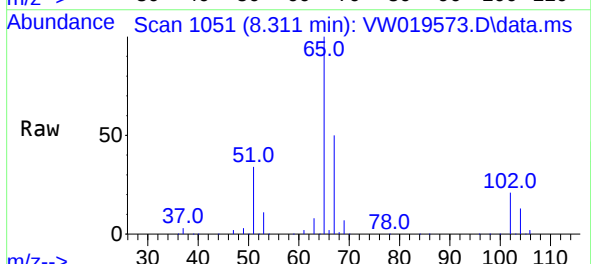
Instrument :
MSVOA_W
ClientSampleId :
SI-2-CLEAN-SOIL

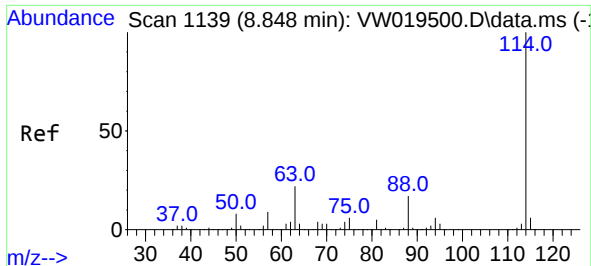
Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
74 24.5 20.1 30.1



#33
1,2-Dichloroethane-d4
Concen: 71.786 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

Tgt Ion: 65 Resp: 174519
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.8

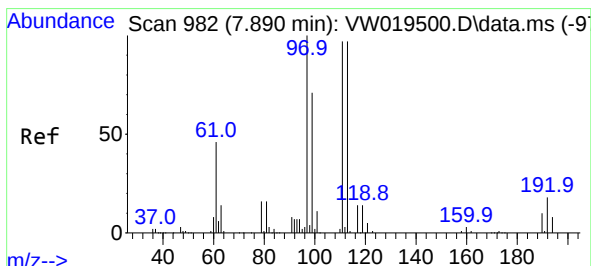
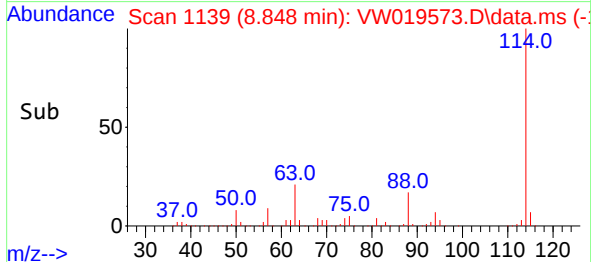
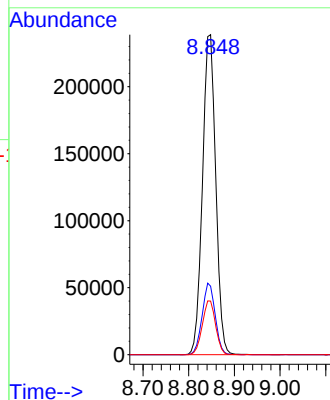
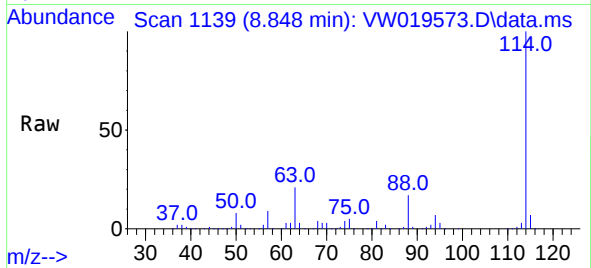




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

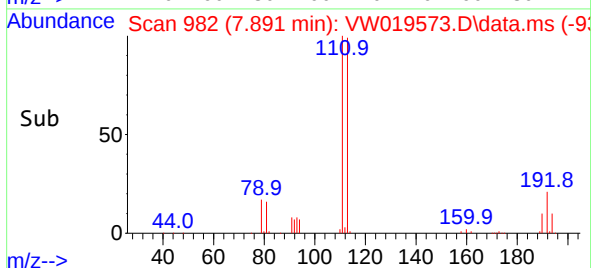
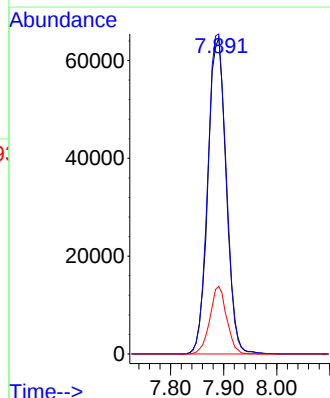
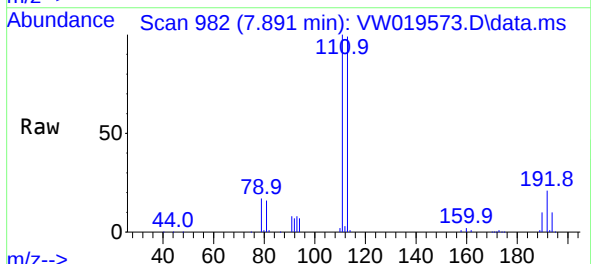
Instrument :
MSVOA_W
ClientSampleId :
SI-2-CLEAN-SOIL

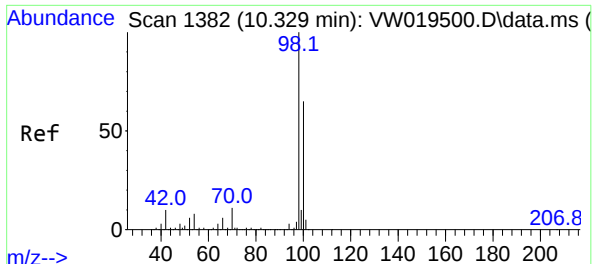
Tgt Ion:114 Resp: 481260
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.8
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.502 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

Tgt Ion:113 Resp: 154372
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 19.7 15.4 23.2

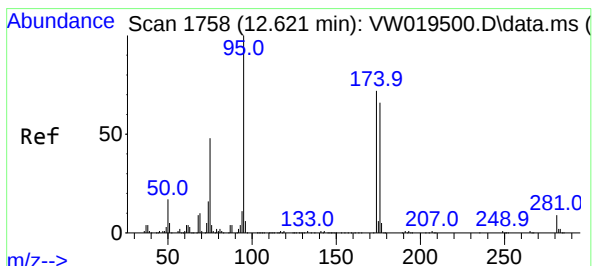
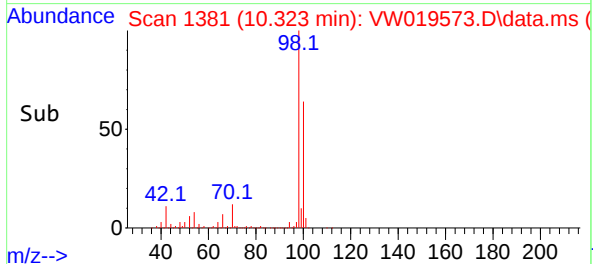
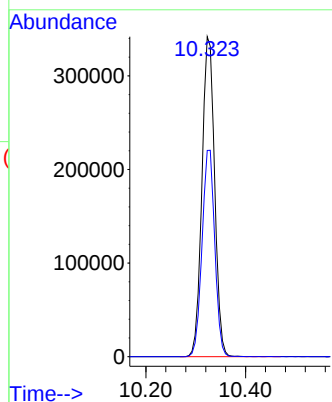
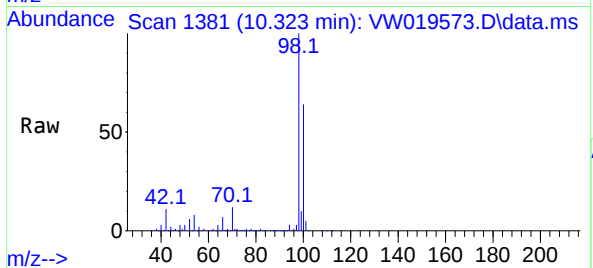




#50
Toluene-d8
Concen: 52.898 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

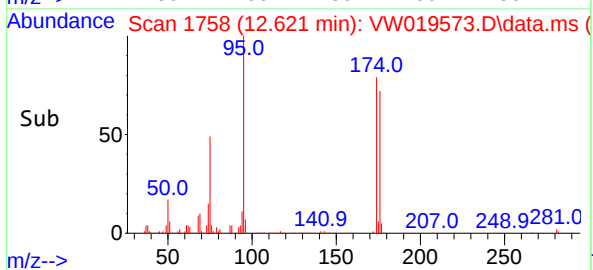
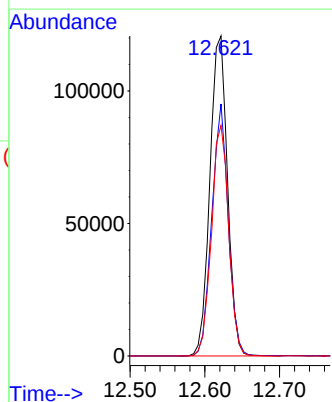
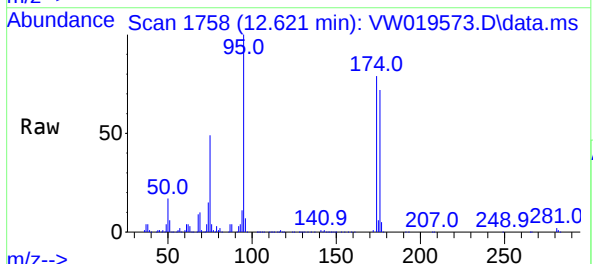
Instrument :
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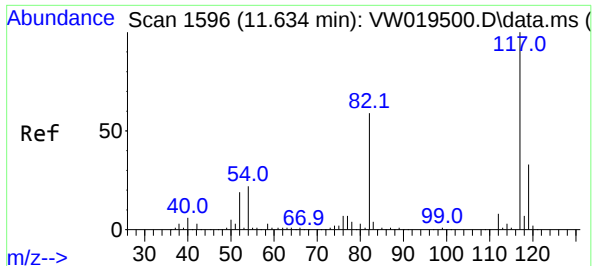
Tgt Ion: 98 Resp: 602198
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.280 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

Tgt Ion: 95 Resp: 197626
Ion Ratio Lower Upper
95 100
174 73.8 0.0 146.6
176 70.6 0.0 136.8

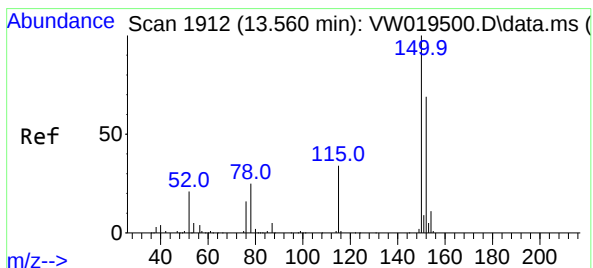
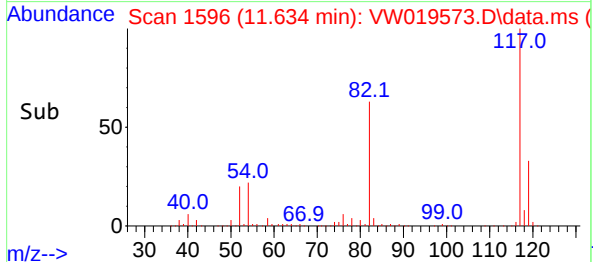
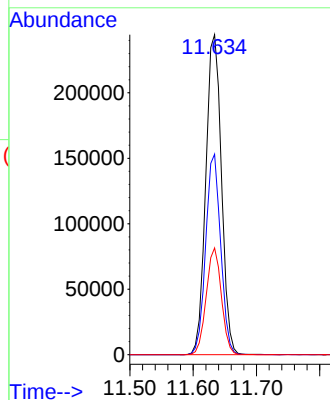
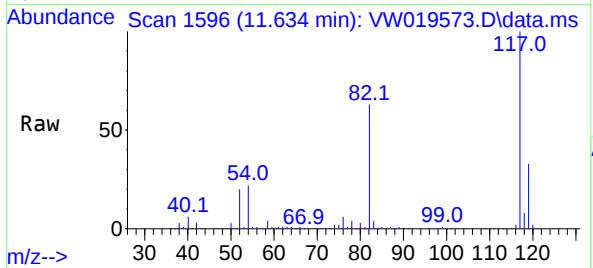




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

Instrument :
MSVOA_W
ClientSampleId :
SI-2-CLEAN-SOIL

Tgt Ion:117 Resp: 420642
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.0
119 33.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019573.D
Acq: 23 Jul 2021 15:10

Tgt Ion:152 Resp: 172267
Ion Ratio Lower Upper
152 100
115 61.8 30.6 91.8
150 160.9 0.0 342.4

